

## ABSTRACT OF THE INVENTION

A method and system for policy provisioning and access managing on a data-over-cable system. One method includes receiving a first message on a first network device such as a CMTS from a second network device and marking the first message with an identifier of a network access device. The method further includes intercepting the first message on a third network device prior to a first protocol network server such as a Dynamic Host Configuration Protocol ("DHCP") server receives the first message. When the third network device intercepts the first message, the third network device determines the identity of the second network device. Based on the identity of the second network device and using the identifier of the network access device, the third network device manages an assignment of configuration parameters for the second network device.